

Sexually Transmitted Disease in Wisconsin

2005

Southeastern Region



Wisconsin STD Program

Technical notes

1. These reports are compiled by the Wisconsin STD Program and are based on STD case surveillance data collected by the Wisconsin Division of Public Health (DPH). In Wisconsin, state statutes require health care providers to report cases of chlamydia, gonorrhea, syphilis, primary genital Herpes simplex virus (HSV) infection, chancroid, and pelvic inflammatory disease to local health departments. Local health departments in turn forward reports to the DPH.
2. In this analysis the term "all STDs" refers specifically to reported cases of chlamydia, gonorrhea, syphilis, and primary genital Herpes simplex virus (HSV) infection. Unless otherwise specified, syphilis cases shown in these reports include all stages of disease.
3. These reports include cases diagnosed within the specified period. Additional cases diagnosed within the specified period may continue to be reported. Thus, this report should be considered provisional, and this report supercedes all previous reports.
4. Reporting of STDs cases is incomplete. Reporting rates may vary by disease, geographic region, and demographic groups. At any time, reported STD cases represent only part of the total number of diagnosed cases, therefore STD surveillance data likely underestimate total STD morbidity.
5. In these reports, rates presented are cases per 100,000 population. Rates are not calculated for categories with small numbers of cases. See each report for the rate calculation threshold.
6. Typically a significant number of STD cases are reported with unspecified race. When noted, imputed race-specific rates have been calculated. To calculate the imputed rate, reported cases with unspecified race were statistically allocated using the county-specific race distribution among cases with specified race. Thus, imputed rates specified in this table are estimates and should be used only for comparison.
7. In these reports, cases are allocated to the county of residence at the time of diagnosis. Cases diagnosed among inmates of correctional facilities are allocated to the county of the facility.

For more information contact:

Wisconsin STD Program
1 West Wilson Street
PO Box 2659
Madison, WI 53701-2659
Telephone: (608) 266-8479

Table 1. Reported cases of sexually transmitted disease
Southeastern Region
Year: 2005

	<u>All STDs</u>		<u>Chlamydia</u>		<u>Gonorrhea</u>		<u>Syphilis</u>		<u>Genital HSV</u>	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
Total	18637	100.0%	12340	100.0%	4573	100.0%	86	100.0%	1638	100.0%
Sex										
Male	5617	30.1%	3319	26.9%	1939	42.4%	65	75.6%	294	17.9%
Female	13007	69.8%	9014	73.0%	2631	57.5%	21	24.4%	1341	81.9%
Unknown	13	0.1%	7	0.1%	3	0.1%	0	0.0%	3	0.2%
Race										
White	2677	14.4%	1840	14.9%	292	6.4%	35	40.7%	510	31.1%
Black	8966	48.2%	5670	46.0%	2897	63.4%	39	45.3%	360	22.0%
Am. Indian	73	0.4%	51	0.4%	15	0.3%	2	2.3%	5	0.3%
Asian/Pacific Is.	76	0.4%	60	0.5%	8	0.2%	1	1.2%	7	0.4%
Other	347	1.9%	266	2.2%	48	1.1%	9	10.5%	24	1.5%
Unknown	6478	34.8%	4439	36.0%	1307	28.6%	0	0.0%	732	44.7%
Hispanic ethnicity										
Hispanic	799	4.3%	638	5.2%	94	2.1%	11	12.8%	56	3.4%
Non Hispanic	10074	54.1%	6411	52.0%	2840	62.1%	74	86.0%	749	45.7%
Unknown	7764	41.7%	5291	42.9%	1639	35.8%	1	1.2%	833	50.9%
Age group										
0-4	21	0.1%	9	0.1%	4	0.1%	2	2.3%	6	0.4%
5-9	7	0.0%	3	0.0%	3	0.1%	0	0.0%	1	0.1%
10-14	357	1.9%	259	2.1%	91	2.0%	0	0.0%	7	0.4%
15-19	6549	35.1%	4690	38.0%	1612	35.3%	1	1.2%	246	15.0%
20-24	6110	32.8%	4319	35.0%	1330	29.1%	5	5.8%	456	27.8%
25-29	2681	14.4%	1722	14.0%	648	14.2%	11	12.8%	300	18.3%
30-34	1286	6.9%	731	5.9%	351	7.7%	9	10.5%	195	11.9%
35-39	681	3.7%	328	2.7%	221	4.8%	11	12.8%	121	7.4%
40-44	373	2.0%	130	1.1%	133	2.9%	12	14.0%	98	6.0%
45-49	276	1.5%	87	0.7%	83	1.8%	13	15.1%	93	5.7%
50+	296	1.6%	62	0.5%	97	2.1%	22	25.6%	115	7.0%
Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

Table 2. Reported cases of sexually transmitted disease by year
Southeastern Region

Year	All STDs	Chlamydia	Gonorrhea	Syphilis	Genital HSV
1993	15,397	7,436	6,002	1,029	930
1994	16,127	7,463	6,841	753	1,070
1995	14,254	7,273	5,572	530	879
1996	12,315	6,783	4,245	426	861
1997	12,339	7,258	4,042	299	740
1998	15,586	9,182	5,335	189	880
1999	15,693	9,224	5,314	125	1,030
2000	14,099	8,344	4,636	159	960
2001	16,611	10,472	4,786	117	1,236
2002	17,635	10,958	5,206	115	1,356
2003	16,458	10,783	4,240	84	1,351
2004	17,174	12,043	3,707	94	1,330
2005	18,637	12,340	4,573	86	1,638
Total	202,325	119,559	64,499	4,006	14,261

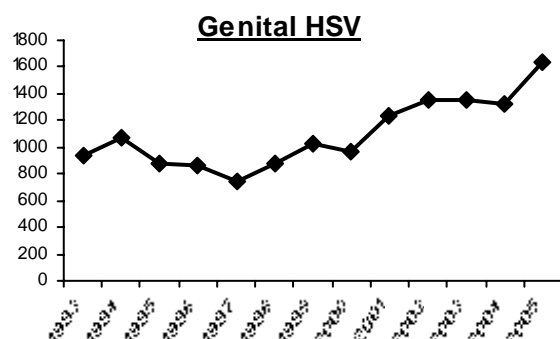
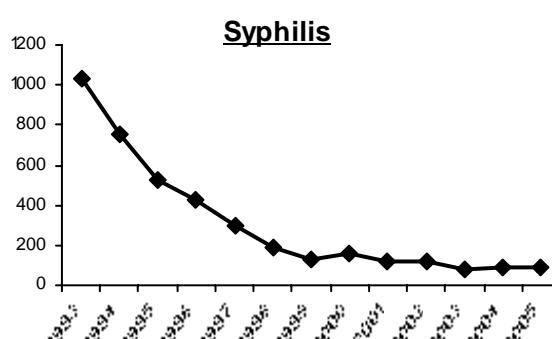
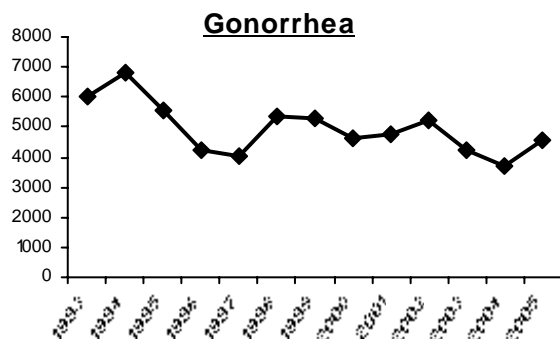
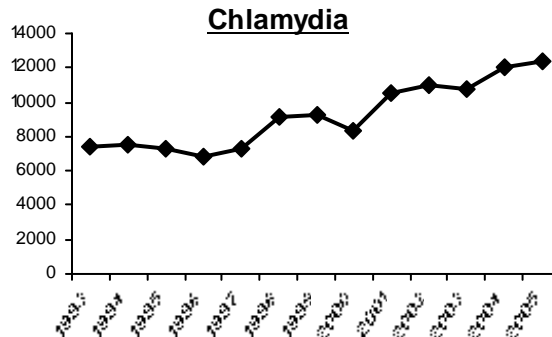
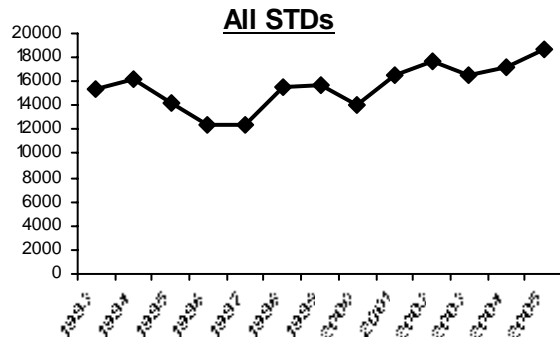


Table 3. Reported cases of sexually transmitted disease by county
Southeastern Region
Year: 2005

County	<u>All STDs</u>			<u>Chlamydia</u>			<u>Gonorrhea</u>			<u>Syphilis</u>			<u>Genital HSV</u>		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Jefferson	145	0.8%	185	100	0.8%	127	17	0.4%	22	0	0.0%	**	28	1.7%	36
Kenosha	827	4.4%	525	580	4.7%	368	129	2.8%	82	6	7.0%	4	112	6.8%	71
Milwaukee	14979	80.4%	1,602	9888	80.1%	1,058	4027	88.1%	431	67	77.9%	7	997	60.9%	107
Ozaukee	120	0.6%	140	72	0.6%	84	4	0.1%	**	5	5.8%	6	39	2.4%	46
Racine	1465	7.9%	759	1029	8.3%	533	305	6.7%	158	3	3.5%	**	128	7.8%	66
Walworth	244	1.3%	249	164	1.3%	167	15	0.3%	15	1	1.2%	**	64	3.9%	65
Washington	185	1.0%	149	103	0.8%	83	21	0.5%	17	0	0.0%	**	61	3.7%	49
Waukesha	672	3.6%	179	404	3.3%	108	55	1.2%	15	4	4.7%	**	209	12.8%	56
Total	18637	100.0%	910	12340	100.0%	603	4573	100.0%	223	86	100.0%	4	1638	100.0%	80

* Cases per 100,000 population

** Rate not calculated for categories with less than 5 cases.

Table 4. Reported cases of sexually transmitted disease by age and disease
Southeastern Region
Year: 2005

All STDs			Chlamydia			Gonorrhea		
Age	Cases	Rate*	Age	Cases	Rate*	Age	Cases	Rate*
0-4	21	15	0-4	9	6	0-4	4	**
5-9	7	5	5-9	3	**	5-9	3	**
10-14	357	240	10-14	259	174	10-14	91	61
15-19	6,549	4430	15-19	4,690	3172	15-19	1,612	1090
20-24	6,110	4314	20-24	4,319	3050	20-24	1,330	939
25-29	2,681	1977	25-29	1,722	1270	25-29	648	477
30-34	1,286	959	30-34	731	545	30-34	351	261
35-39	681	462	35-39	328	222	35-39	221	150
40-44	373	221	40-44	130	77	40-44	133	78
45-49	276	169	45-49	87	53	45-49	83	50
50+	296	50	50+	62	10	50+	97	16
Total	18,637	910	Total	12,340	602	Total	4,573	223

Syphilis			Genital HSV		
Age	Cases	Rate*	Age	Cases	Rate*
0-4	2	**	0-4	6	4
5-9	0	**	5-9	1	**
10-14	0	**	10-14	7	4
15-19	1	**	15-19	246	166
20-24	5	3	20-24	456	322
25-29	11	8	25-29	300	221
30-34	9	6	30-34	195	145
35-39	11	7	35-39	121	82
40-44	12	7	40-44	98	58
45-49	13	7	45-49	93	57
50+	22	3	50+	115	19
Total	86	4	Total	1,638	80

* Cases per 100,00 population

** Rate not calculated for categories with less than 5 cases.

Table 5. Reported sexually transmitted disease, reported rates* and imputed rates by race**
Southeastern Region
Year: 2005

	Cases per 100,000 population***				
	All STDs	Chlamydia	Gonorrhea	Syphilis	Genital HSV
	Reported - Imputed	Reported - Imputed	Reported - Imputed	Reported - Imputed	Reported - Imputed
White	157 - 234	108 - 158	17 - 23	2 - 2	30 - 51
Black	3097 - 4784	1959 - 3123	1000 - 1406	13 - 13	124 - 240
Am. Indian	551 - 853	385 - 602	113 - 160	** - **	37 - 75
Asian/Pacific Is.	164 - 260	130 - 203	17 - 25	** - **	15 - 30

* The reported rate is the number reported cases with specified race per 100,000 population. Because some cases are reported with unspecified race, the reported rate under-estimates actual morbidity and thus should be regarded as a minimum estimate.

** The imputed rate takes into consideration cases reported without race specified. To calculate the imputed rate reported cases with unspecified race were statistically allocated using the county-specific race distribution among cases with specified race. Thus, imputed rates specified in this table are estimates.

*** Rate not calculated for categories with less than 5 cases.